

```

administrador@lab-dacc-08:~$ ls /
bin  cdrom  etc  lib  lib64  lost+found  mnt  proc  run  snap  sys  usr
boot  dev  home  lib32  libx32  media  opt  root  sbin  srv  tmp  var
administrador@lab-dacc-08:~$ ls -flh /etc/passwd /etc/shadow /etc/group
-rw-r--r-- 1 root root 3,2K set 28 18:17 /etc/passwd
-rw-r----- 1 root shadow 1,9K set 28 18:10 /etc/shadow
-rw-r--r-- 1 root root 1,3K set 28 18:10 /etc/group
administrador@lab-dacc-08:~$ cat /etc/fstab
# /etc/fstab: static file system information.
#
# Use 'blkid' to print the universally unique identifier for a
# device; this may be used with UUID= as a more robust way to name devices
# that works even if disks are added and removed. See fstab(5).
#
# <file system> <mount point> <type> <options> <dump> <pass>
# / was on /dev/nvme0n1p8 during installation
UUID=bf741425-5ad0-4865-ad66-906781c30d34 / ext4
errors=remount-ro 0 1
# /boot/efi was on /dev/nvme0n1p1 during installation
UUID=8E68-D768 /boot/efi vfat umask=0077 0 1
# /media/arquivos was on /dev/sda1 during installation
# swap was on /dev/nvme0n1p7 during installation
UUID=3f6a3ca4-191e-450b-be98-daca5bd7e2c7 none swap sw
0 0
/dev/disk/by-uuid/aa17929a-828c-4123-b88e-75c0748befbd /media/arquivos-linux auto
defaults 1 1
/dev/disk/by-uuid/B234703834700221 /media/arquivos auto
nosuid,nodev,nofail,x-gvfs-show 0 0
administrador@lab-dacc-08:~$ cat /etc/hostname
lab-dacc-08
administrador@lab-dacc-08:~$ cat /etc/protocols | grep UDP
udp 17 UDP # user datagram protocol
udplite 136 UDPLite # UDP-Lite [RFC3828]
administrador@lab-dacc-08:~$ cat /etc/services | grep -P "ssh|http|https|ircd"
# Updated from
https://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbe
rs.xhtml .
ssh 22/tcp # SSH Remote Login Protocol
http 80/tcp www # WorldWideWeb HTTP
https 443/tcp # http protocol over TLS/SSL
ircd 6667/tcp # Internet Relay Chat
administrador@lab-dacc-08:~$ cat /etc/shells
# /etc/shells: valid login shells
/bin/sh
/bin/bash
/usr/bin/bash
/bin/rbash
/usr/bin/rbash
/bin/dash
/usr/bin/dash
/usr/bin/screen
administrador@lab-dacc-08:~$ cat /etc/timezone
America/Porto_Velho
administrador@lab-dacc-08:~$ ls -alh ~
total 1,2M
drwxr-xr-x 36 administrador administrador 4,0K out 13 18:52 .
drwxr-xr-x 5 root root 4,0K set 28 18:10 ..
drwxrwxr-x 4 administrador administrador 4,0K out 13 18:00 .android
drwxrwxr-x 3 administrador administrador 4,0K abr 3 2022 Android

```

```

drwxr-xr-x 4 administrador administrador 4,0K out 7 18:13 .anydesk
drwxr-xr-x 2 administrador administrador 4,0K abr 4 2022 'Área de Trabalho'
-rw-rw-r-- 1 administrador administrador 133K out 13 18:47 ArquivosDoBin.txt
-rw-rw-r-- 1 administrador administrador 80 out 13 18:50 ArquivoTeste.txt
-rw----- 1 administrador administrador 21K out 13 18:18 .bash_history
-rw-r--r-- 1 administrador administrador 220 abr 2 2022 .bash_logout
-rw-r--r-- 1 administrador administrador 3,9K out 5 16:04 .bashrc
drwxrwxr-x 2 administrador administrador 4,0K out 5 16:02 bin
drwxr-xr-x 25 administrador administrador 4,0K out 13 17:19 .cache
drwx----- 31 administrador administrador 4,0K out 13 19:01 .config
drwxr-xr-x 3 administrador administrador 4,0K abr 4 2022 Documentos
drwxr-xr-x 2 administrador administrador 4,0K out 13 19:01 Downloads
drwxrwxr-x 3 administrador administrador 4,0K abr 4 2022 .eclipse
-rw----- 1 administrador administrador 16 abr 7
2022 .emulator_console_auth_token
drwxrwxr-x 2 administrador administrador 4,0K out 11 15:46 Fernando
-rw-rw-r-- 1 administrador administrador 80 out 5 16:09 .gitconfig
drwx----- 3 administrador administrador 4,0K out 13 18:33 .gnupg
drwx----- 4 administrador administrador 4,0K abr 3 2022 .hashcat
drwxr-xr-x 3 administrador administrador 4,0K out 13 18:37 Imagens
drwxrwxr-x 4 administrador administrador 4,0K abr 3 2022 .java
drwxr-xr-x 3 administrador administrador 4,0K abr 2 2022 .local
-rw-rw-r-- 1 administrador administrador 88 out 13 18:51 LsStderr.txt
-rw-rw-r-- 1 administrador administrador 105 out 13 18:52 LsStdoutStdErr.txt
-rw-rw-r-- 1 administrador administrador 17 out 13 18:51 LsStdout.txt
drwxr-xr-x 2 administrador administrador 4,0K abr 3 2022 Modelos
drwx----- 4 administrador administrador 4,0K abr 2 2022 .mozilla
drwxr-xr-x 2 administrador administrador 4,0K abr 2 2022 Música
drwxrwxr-x 7 administrador administrador 4,0K abr 4 2022 .nbi
drwxrwxr-x 2 administrador administrador 4,0K abr 4 2022 neanderlin64
drwxrwxr-x 3 administrador administrador 4,0K abr 4 2022 .netbeans
drwxrwxr-x 3 administrador administrador 4,0K abr 4 2022 netbeans-13
-rwxrwxrwx 1 administrador administrador 64 out 13 14:29 numero.sh
drwx----- 4 administrador administrador 4,0K abr 3 2022 .nv
drwxr-xr-x 11 administrador administrador 4,0K abr 3 2022
NVIDIA_CUDA-11.4_Samples
-rw-rw-r-- 1 administrador administrador 1,5K abr 3 2022 .nvidia-settings-rc
drwxrwxr-x 2 administrador administrador 4,0K out 11 16:00 palomakoba
drwx----- 3 administrador administrador 4,0K abr 3 2022 .pki
-rw-r--r-- 1 administrador administrador 807 abr 2 2022 .profile
drwxr-xr-x 2 administrador administrador 4,0K abr 2 2022 Público
-rw----- 1 administrador administrador 7 abr 4 2022 .python_history
drwxrwxr-x 3 administrador administrador 4,0K out 5 16:09 .repoconfig
-rw-rw-r-- 1 administrador administrador 128 out 5 16:39 .repo_gitconfig.json
-rw-rw-r-- 1 administrador administrador 801K out 13 18:02 screenshot2.png
-rwxrwxrwx 1 administrador administrador 87 out 13 13:34 setimo.sh
drwx----- 5 administrador administrador 4,0K abr 4 2022 snap
drwx----- 2 administrador administrador 4,0K abr 2 2022 .ssh
-rw-r--r-- 1 administrador administrador 0 abr 2 2022 .sudo_as_admin_successful
-rwxrwxrwx 1 administrador administrador 59 out 13 13:57 tamanho.sh
drwxrwxr-x 3 administrador administrador 4,0K out 13 14:56 .tldr
-rwxrwxrwx 1 administrador administrador 58 out 13 13:26 usuarios.sh
-rwxrwxrwx 1 administrador administrador 116 out 13 14:41 valor.sh
-rwxrwxrwx 1 administrador administrador 115 out 13 15:25 valor.sh.save
-rw-rw-r-- 1 administrador administrador 142 abr 3 2022 'variables to activate
nvidia.txt'
drwxr-xr-x 3 administrador administrador 4,0K abr 4 2022 Vídeos
-rw----- 1 administrador administrador 1,4K out 13 18:40 .viminfo
drwxrwxr-x 3 administrador administrador 4,0K abr 3 2022 .vscode

```

```
administrador@lab-dacc-08: ~  
Zs66\p'0l0000004A,SCeH(8Q0000003n7T{uVGJ0000jV~00FNXE000U  
MrKehogou0000]H00000l0s0A?T{00[060000700U'0N00NF00$  
0000;-y  
000000z>B0!'C70+|0[0;00Q.0Z0r0kY0we0k000030000x000"0060b00900_  
AbU0A#%0D{0=0|0B'000nuf700m3A0010x000NF00DLU0{~00e00+0,A:  
_!f0k000000  
0N0I00cC0_00;0Z000  
u0w0j*ā  
G0G000ncHcy0JF0A00i0X0US0k0L`0'Ÿn0bz000000-000000"L 000  
5wa0000'V10  
0Z000P00K0振!00z^000vc0t{F00acP0c0{tI00}0N0080_00Bb0/007P0000dbd00jI00;0000r0P0R0@000:00C00G0(0000W0 0  
8000080Qb0!tp00200C&)0=00#000rdnI06.*j0z00}0g(vYj70q00*400080.500^~00FK  
0"00!40100x]2*0P0履00}070"[00  
y0w'0Y0'000R00h500000'00L000000u 0  
,a0[E060@004(@0_00C0 5X000A0 0客=8%4Jy]0置000  
0000$00- v00H600T  
00}0>0ss0C-00%0}00J00(00500^0F0d0h00D-[H00C0J20  
0g  
0040s78~00#C_000?01x000X}0W{00  
000n0L0  
!07000,00u0H>0g00^010  
0(g0i000  
U0K0  
K0#00u00?000SP#0000Wn0 00k0_00Eq0<Re00 000*^S0PGR00"v0  
000f00  
00g0l0V00 .00!0600;0 0?ex,0+:6  
00J0T,0=fhm>0:B4q01ug00N0000Z000* 0qL<H0004R0000.00}000000"0090uI-000FjY800  
00D000idX[W'008Q000h'00000Db2000000\00%0",0t Ln)  
c050000G'\0_w;0,0ê0H@hT00S  
0+000#;?00A0;0P0M0p<00>00.  
0w00E,0!005ck0d'0x00R0000|0n0K0$"0s'0V0#0B~7m0-.Y0 0{L00l000[0  
Ga0Hglj0  
h40000&0|80  
00000[00].00 00H>(0000YZ08000d6000000pt 莞00[00<0[mv0A  
)00Y005000000J000B00"0qZP00Q0  
,000Z0000I00<0H>000Y  
JD0000  
00N00U0U0`0d004000WJ000A0D03  
7WM?V00B0000!050XQ  
00L00Ek0>m*0000s0jPĒC0  
0t0{000;0X 0E50-IH5  
/00^_070B0D000,J00}000D.0<0K00000Z00M0\0f6^X+]400y0 0chI050000t000 00b}00000zL000H00?0T00ciak  
00W005>A00p000THn00^02000v0@DP0*00;M0sE0T0000Bw006  
--j[+0B0000600p@7^000,00Xf00%0HVn00W800E00,X0gK0000q1[0  
<~0G  
+00h^50000I000'+0XUW00,+000620000+00  
0400000x0^0RlMJ098\0a00]0080800'z0s;00<IYA0000^M(9[0wr0000#0y0D4006000:00f00  
000T000000G03!000y0 0n'Kz00?00?0H0i0C00<R"0_09n0K000!F0I-00$/LqK+00$3 W0D700!0m*d^C  
administrador@lab-dacc-08:~$
```

```
administrador@lab-dacc-08:~$ echo $RANDOM  
12262  
administrador@lab-dacc-08:~$ echo $RANDOM  
18423  
administrador@lab-dacc-08:~$ echo $RANDOM  
12622  
administrador@lab-dacc-08:~$ echo $RANDOM  
31851  
administrador@lab-dacc-08:~$ echo "Timber Hearth" > /tmp/OuterWilds.txt  
administrador@lab-dacc-08:~$ cat /tmp/OuterWilds.txt > /dev/stdout  
Timber Hearth  
administrador@lab-dacc-08:~$ cat /proc/diskstats | grep -v loop  
259      0 nvme0n1 54106 14952 4683763 10392 264112 74651 13362906 167614 0  
68632 187303 0 0 0 0 7199 9296  
259      1 nvme0n1p1 313 974 15873 68 2 0 2 0 0 104 68 0 0 0 0 0  
259      2 nvme0n1p2 56 0 4160 49 0 0 0 0 0 40 49 0 0 0 0 0  
259      3 nvme0n1p3 56 0 4224 41 0 0 0 0 0 44 41 0 0 0 0 0  
259      4 nvme0n1p4 58 0 4176 33 0 0 0 0 0 36 33 0 0 0 0 0  
259      5 nvme0n1p5 58 0 4176 50 0 0 0 0 0 44 50 0 0 0 0 0
```

```

259      6 nvme0n1p6 58 0 4176 53 0 0 0 0 0 44 53 0 0 0 0 0
259      7 nvme0n1p7 87 0 6760 53 0 0 0 0 0 60 53 0 0 0 0 0
259      8 nvme0n1p8 53320 13978 4636682 10022 264110 74651 13362904 167614
0 68540 177636 0 0 0 0 0
      8      0 sda 156275 0 5250776 535104 2764 43225 367888 10449 0 525816 546407
0 0 0 0 3 853
      8      1 sda1 156040 0 5246296 526546 2764 43225 367888 10449 0 517392
536996 0 0 0 0 0
administrador@lab-dacc-08:~$ iostat | grep -v loop

```

Comando 'iostat' não encontrado, mas poder ser instalado com:

```
sudo apt install sysstat
```

```

administrador@lab-dacc-08:~$ sudo apt install sysstat
[sudo] senha para administrador:
Lendo listas de pacotes... Pronto
Construindo árvore de dependências
Lendo informação de estado... Pronto
Pacotes sugeridos:
  isag
Os NOVOS pacotes a seguir serão instalados:
  sysstat
0 pacotes atualizados, 1 pacotes novos instalados, 0 a serem removidos e 110 não
atualizados.
É preciso baixar 448 kB de arquivos.
Depois desta operação, 1.511 kB adicionais de espaço em disco serão usados.
Obter:1 http://br.archive.ubuntu.com/ubuntu focal-updates/main amd64 sysstat amd64
12.2.0-2ubuntu0.1 [448 kB]
Baixados 448 kB em 0s (1.088 kB/s)
Pré-configurando pacotes ...
A seleccionar pacote anteriormente não seleccionado sysstat.
(Lendo banco de dados ... 344597 ficheiros e directórios actualmente instalados.)
A preparar para desempacotar .../sysstat_12.2.0-2ubuntu0.1_amd64.deb ...
A descompactar sysstat (12.2.0-2ubuntu0.1) ...
Configurando sysstat (12.2.0-2ubuntu0.1) ...

```

```

Creating config file /etc/default/sysstat with new version
update-alternatives: a usar /usr/bin/sar.sysstat para disponibilizar /usr/bin/sar (sar) em
modo auto
Created symlink /etc/systemd/system/multi-user.target.wants/sysstat.service →
/lib/systemd/system/sysstat
.service.

```

```

A processar 'triggers' para man-db (2.9.1-1) ...
A processar 'triggers' para systemd (245.4-4ubuntu3.15) ...
administrador@lab-dacc-08:~$ sudo apt install sysstat
Lendo listas de pacotes... Pronto
Construindo árvore de dependências
Lendo informação de estado... Pronto
sysstat já é a versão mais recente (12.2.0-2ubuntu0.1).
0 pacotes atualizados, 0 pacotes novos instalados, 0 a serem removidos e 110 não
atualizados.
administrador@lab-dacc-08:~$ iostat | grep -v loop
Linux 5.15.0-50-generic (lab-dacc-08)      13/10/2022   _x86_64_(12 CPU)

```

```

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           2,12    0,01   0,92   0,21    0,00   96,74

```

Device	tps	kB_read/s	kB_wrtn/s	kB_dscd/s	kB_read	kB_wrtn
kB_dscd						
nvme0n1	24,12	177,57	506,27	0,00	2350701	
6702053	0					
sda	12,01	198,32	13,89	0,00	2625388	
183944	0					

```
administrador@lab-dacc-08:~$ cat /sys/block/nvme0n1/queue/hw_sector_size
512
```

```
administrador@lab-dacc-08:~$ cat /proc/cmdline
```

```
BOOT_IMAGE=/boot/vmlinuz-5.15.0-50-generic
```

```
root=UUID=bf741425-5ad0-4865-ad66-906781c30d34 ro quiet splash vt.handoff=7
```

```
administrador@lab-dacc-08:~$ cat /proc/loadavg
```

```
0.44 0.50 0.54 1/1131 29664
```

```
administrador@lab-dacc-08:~$ cat /proc/meminfo | grep Mem
```

```
MemTotal:      16187908 kB
```

```
MemFree:       6099240 kB
```

```
MemAvailable:  13159048 kB
```

```
administrador@lab-dacc-08:~$ cat /proc/uptime
```

```
13368.88 154867.52
```

```
administrador@lab-dacc-08:~$ cat /proc/version
```

```
Linux version 5.15.0-50-generic (buildd@lcy02-amd64-009) (gcc (Ubuntu
```

```
9.4.0-1ubuntu1~20.04.1) 9.4.0, GNU ld (GNU Binutils for Ubuntu) 2.34)
```

```
#56~20.04.1-Ubuntu SMP Tue Sep 27 15:51:29 UTC 2022
```

```
administrador@lab-dacc-08:~$ hexdump -C /bin/ls | head -3
```

```
00000000  7f 45 4c 46 02 01 01 00  00 00 00 00 00 00 00 00  |.ELF.....|
```

```
00000010  03 00 3e 00 01 00 00 00  d0 67 00 00 00 00 00 00  |..>.....g.....|
```

```
00000020  40 00 00 00 00 00 00 00  c0 23 02 00 00 00 00 00  |@.....#.....|
```

```
administrador@lab-dacc-08:~$ cd /bin
```

```
administrador@lab-dacc-08:/bin$ ls
```

'['	hp-clean	ppmtotga
2to3-2.7	hp-colorcal	ppmtouil
411toppm	hp-config_usb_printer	
ppmtowinicon		
7z	hp-doctor	ppmtoxpm
7za	hp-firmware	ppmtoyuv
7zr	hp-info	
ppmtoyuvsplit		
aa-enabled	hp-levels	ppmtv
aa-exec	hp-logcapture	pr
aconect	hp-makeuri	precat
acpi_listen	hp-pksservice	preconv
activity-log-manager	hp-plugin	preparetips5
acyclic	hp-plugin-ubuntu	preunzip
adb	hp-probe	prezip
add-apt-repository	hp-query	prezip-bin
addpart	hprof-conv	
prime-select		
addr2line	hp-scan	
prime-supported		
alsabat	hp-setup	print
alsaloop	hp-testpage	printafm
alsamixer	hp-timedate	printenv
alsatplg	hsdb	
printerbanner		
alsaucm	htop	
printer-profile		
amidi	hwe-support-status	printf
amixer	i386	prlimit

amuFormat.sh	i686-linux-gnu-pkg-config	profiles
animate	ibus	
protocoltojson		
animate-im6	ibus-daemon	prove
animate-im6.q16	ibus-setup	proxy
ant	ibus-table-createdb	prtstat
anydesk	iceauth	prune
anydesk-global-settings	ico	ps
anytopnm	icontopbm	ps2ascii
apg	iconv	ps2epsi
apgbfm	icotool	ps2pdf
aplay	id	ps2pdf12
aplaymidi	identify	ps2pdf13
appletviewer	identify-im6	ps2pdf14
apport-bug	identify-im6.q16	ps2pdfwr
apport-cli	idlj	ps2ps
apport-collect	iecset	ps2ps2
apport-unpack	ijs_pxljr	ps2txt
appres	ilbmtoppm	
psfaddtable		
appstreamcli	imagetops	
psfgettable		
apropos	im-config	
psfstriptable		
apt	imgtoppm	psfxtable
apt-add-repository	im-launch	psicc
apt-cache	import	psidtopgm
apt-cdrom	import-im6	pslog
apt-config	import-im6.q16	pstoedit
apticon	info	pstopnm
apt-extracttemplates	infobrowser	pstree
apt-ftpparchive	infocmp	pstree.x11
apt-get	infotocap	ptar
apt-key	inputattach	ptardiff
apt-mark	install	ptargrep
apt-sortpkgs	install-info	ptx
apturl	install-printerdriver	pulseaudio
apturl-gtk	instmodsh	pwd
ar	intel-virtual-output	pwdx
arch	inxi	py3clean
arecord	ionice	py3compile
arecordmidi	iostat	py3versions
arm2hpd	ip	pyclean
as	ipcmk	pycompile
asciitopgm	ipcrm	pydoc2
aseqdump	ipcs	pydoc2.7
aseqnet	ipod-read-sysinfo-extended	pydoc3
aspell	ipod-time-sync	pydoc3.8
aspell-import	ippfind	pygettext2
atktopbm	ipptool	
pygettext2.7		
atobm	iptables-xml	pygettext3
avahi-browse	irb	
pygettext3.8		
avahi-browse-domains	irb2.7	pyjwt3
avahi-publish	ischroot	python
avahi-publish-address	isdv4-serial-debugger	python2
avahi-publish-service	isdv4-serial-inputattach	python2.7
avahi-resolve	isodump	python3

avahi-resolve-address	isoinfo	python3.8
avahi-resolve-host-name	isovfy	
python3-futurize		
avahi-set-host-name	ispell-wrapper	
python3-pasteurize		
awk	jar	pyversions
axfer	jardetector	qalc
b2sum	jarsigner	qalculate
baobab	jarwrapper	
qalculate-gtk		
base32	java	
qpdfdecode		
base64	javac	qrttoppm
basename	javadoc	
qt-faststart		
bash	javah	
quirks-handler		
bashbug	javap	qvlc
bc	jcmd	racc2.7
bccmd	jconsole	racc2y2.7
bcomps	jdb	rake
bdftopcf	jdeprscan	ranlib
bdftruncate	jdeps	rasttopnm
bioradtopgm	jexec	rawtopgm
bison	jfr	rawtoppm
bison.yacc	jhat	rbash
bitmap	jhindexer	rcp
bluemoon	jhsdb	rctest
bluetoothctl	jhsearch	
rdesktop-vrdp		
bluetooth-sendto	jimage	rdiffdir
bluetooth-wizard	jinfo	rdma
bmptopnm	jjs	rdoc
bmptoppm	jlink	rdoc2.7
bmtoa	jmap	readelf
boltctl	jmod	readlink
bootctl	join	realpath
brlTTY	join-dctrl	
recordmydesktop		
brlTTY-ctb	journalctl	red
brlTTY-trtxt	jpackage	regedit
brlTTY-ttb	jpegtopnm	
regedit-stable		
broadwayd	jpgicc	regsvr32
browse	jps	
regsvr32-stable		
brushtopbm	jq	remmina
bsd-from	jrunscript	
remmina-file-wrapper		
bsd-write	jsadebugd	
remmina-gnome		
btattach	jshell	rename.ul
btmgmt	json_pp	
rendercheck		
btmon	jstack	renice
bundle2.7	jstat	repo
bundler2.7	jstatd	reset
bunzip2	kactivities-cli	resizecons
busctl	kbinfo	resizepart

busybox	kbd_mode	
resolvectl		
bwrap	kbookmarkmerger	rev
bzcat	kbroadcastnotification	rfcomm
bzcmp	kbuildsysco5	
rgb3toppm		
bzdiff	kbxutil	rgrep
bzegrep	kcmshell5	
rhythmbox		
bzexe	kcookiejar5	
rhythmbox-client		
bzfgrep	kdeconnect-app	ri
bzgrep	kdeconnect-cli	ri2.7
bzip2	kdeconnect-handler	rletopnm
bzip2recover	kdeconnect-indicator	rlogin
bzless	kdeconnect-settings	rm
bzmore	kdeconnect-sms	rmdir
c++	kdec5	rmic
c89	kded5	rmid
c89-gcc	kdeinit5	rmiregistry
c99	kdeinit5_shutdown	rm nano
c99-gcc	kdeinit5_wrapper	routef
cabextract	kdemv5	routel
caca-config	kdenlive	rpcgen
cal	kdenlive_render	rrsync
calendar	kde-open5	rsh
calibrate_ppa	keditbookmarks	rstart
canberra-gtk-play	keditfiletype5	rstartd
cancel	kernel-install	rsync
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cat	keyring	ruby
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catpvt	kill	run-parts
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cc	kioclient5	rview
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chrt	lastb	scp
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chvt	lavadecode	screen
cifsiostat	lcf	screendump
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clear	leaftoppm	sdptool
clear_console	lefty	seahorse
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cluster	lessecho	see
cmp	lessfile	
select-default-iwrap		
cmuwmtopbm	lesskey	
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code	lesspipe	
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colrm	libpng-config	seq
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composite	linux-update-symlinks	setleds
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corelist	localc	sfdp
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csplit	logisim	shasum
ctstat	logname	shotwell
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curl	lomath	showkey
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cvlc	lord	shred
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dash	lowriter	sirtopnm
date	lp	size
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dbus-daemon	lpq	slabtop
dbus-launch	lpr	sldtoppm
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dbus-run-session	lp_solve	slogin
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dbus-uuidgen	lsattr	smbpasswd
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dc	lscpu	snap
dconf	lshw	snapctl
dd	lsinitramfs	snapfuse
ddstddecode	lsipc	snice
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debconf	lslogins	soffice
debconf-apt-progress	lsmem	
software-properties-gtk		
debconf-communicate	lsmod	sort
debconf-copydb	lsns	sort-dctrl
debconf-escape	lsof	sotruss
debconf-set-selections	lspci	spctoppm
debconf-show	lspgpot	spd-conf
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deb-systemd-invoke	luit	
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deja-dup	lwp-download	
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delaunay	lwp-dump	splain
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df	lzcat	sqldiff
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diff	lzmainfo	sshfs
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dijkstra	m2300w-wrapper	
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dir	m2400w	
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strace-log-merge		
dmesg	man-recode	stream
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dpkg-architecture	mcopu	sum
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symcryptrun		
dpkg-checkbuilddeps	mdatopbm	sync
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dpkg-divert	mdig	
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dpkg-genchanges	mdu	
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dpkg-split	mkfifo	
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dpkg-trigger	mkfontscale	
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fc-pattern	ncurses6-config	troff
fc-query	ncursesw5-config	true
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flex	nice	ucf
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fmt	nm	ucs2any
fold	nm-applet	udevadm
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foo2hbpl2	nm-online	umax_pp
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foo2slx-wrapper	nsupdate	
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unmkinitramfs		
foo2zjs-wrapper	ntfsdecrypt	unopkg
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fprindd-enroll	ntfsinfo	unshare

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ftp	ntfsusermap	
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funzip	ntfswipe	
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fusermount		
update-notifier	nvidia-cuda-mps-control	
futurize		
update-perl-sax-parsers	nvidia-cuda-mps-server	upower
fwupdagent	nvidia-debugdump	uptime
fwupdate	nvidia-detector	
fwupdmgr		
usb-creator-gtk	nvidia-ngx-updater	usb-devices
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usbhid-dump	nvidia-settings	
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gcov-dump	p7zip	vdir
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genisoimage	pasteurize	wc
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geqn	patch	wget
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getent	pbmclean	whiptail
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git	pbmtocmuwm	winedbg
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glib-compile-resources	pbmtomacp	
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glxdemo	pbmtopi3	wpp
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gnat	pbmtowbmp	write
gnat-9	pbmtox10bm	wsgen
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gprof	pl2pm	xbrelapi
gpu-manager	plasmapkg2	xcalc
graphml2gv	playonlinux	xclipboard
grep	playonlinux-pkg	xclock
grep-aptavail	pldd	xcmsdb
grep-available	plog	xconsole
grep-dctrl	plymouth	
grep-debtags		
xcursorgen		
grepjar	pmap	xcutssel
grep-status	pngcrush	
xdg-dbus-proxy		
gresource	pngfix	
xdg-desktop-icon		
groff	png-fix-itxt	
xdg-desktop-menu		
grog	pngtopnm	
xdg-email		
grops	pnm2ppa	
xdg-icon-resource		
grotty	pnmalias	xdg-mime
groups	pnmarith	xdg-open
grub-editenv	pnmcat	
xdg-screensaver		
grub-file	pnmcolormap	
xdg-settings		
grub-fstest	pnmcomp	
xdg-user-dir		
grub-glue-efi	pnmconvol	
xdg-user-dirs-gtk-update		
grub-kbdcomp	pnmcrop	
xdg-user-dirs-update		
grub-menulst2cfg	pnmcut	xditview
grub-mkfont	pnmdepth	xdpyinfo
grub-mkimage	pnmenlarge	xdriinfo
grub-mklayout	pnmfile	xedit
grub-mknetdir	pnmflip	Xephyr
grub-mkpasswd-pbkdf2	pnmgamma	xev
grub-mkrelpath	pnmhisteq	xeyes
grub-mkrescue	pnmhistmap	xfd
grub-mkstandalone	pnmindex	xfontsel
grub-mount	pnminterp	xgamma
grub-ntldr-img	pnminterp-gen	xgc
grub-render-label	pnminvert	xhost

grub-script-check	pnmmargin	ximtoppm
grub-syslinux2cfg	pnmmontage	xinit
gs	pnmnlfilt	xinput
gsbj	pnmnoraw	xjc
gsdj	pnmnorm	xkbbell
gsdj500	pnmpad	xkbcomp
gsettings	pnmpaste	xkbevd
gslj	pnmpsnr	xkbprint
gslp	pnmquant	xkbvleds
gsnd	pnmremap	
xkbwatch		
gst	pnmrotate	xkeystone
gst-convert	pnmscale	xkill
gst-device-monitor-1.0	pnmscalefixed	xload
gst-discoverer-1.0	pnmshear	xlogo
gst-doc	pnmsmooth	xls2csv
gst-inspect-1.0	pnmsplit	xlsatoms
gst-launch-1.0	pnmtile	xlsclients
gst-load	pnmtoddif	xlsfonts
gst-package	pnmtofiasco	xmag
gst-play-1.0	pnmtofits	xman
gst-profile	pnmtjpeg	xmessage
gststreamer-codec-install	pnmtopalm	xmlcatalog
gst-reload	pnmtoplainpnm	xmlint
gst-remote	pnmtopng	
xmodmap		
gst-sunit	pnmtops	xmore
gst-typefind-1.0	pnmtorast	Xorg
gtbl	pnmtorle	xpmtoppm
gtester	pnmtosgi	xprop
gtester-report	pnmtosir	xqxdecode
gtf	pnmtotiff	xrandr
gtk3-nocsd	pnmtotiffcmyk	xrdb
gtk-builder-tool	pnmtowxd	xrefresh
gtk-encode-symbolic-svg	pod2html	
x-session-manager		
gtk-launch	pod2man	xset
gtk-query-settings	pod2texi	xsetmode
gtk-update-icon-cache	pod2text	xsetpointer
gtk-window-decorator	pod2usage	xsetroot
gts2dxf	podchecker	
xsetwacom		
gts2oogl	podselect	xsltproc
gts2stl	poff	xsm
gts2xyz	policytool	xstdcmap
gtscheck	pon	xsubpp
gtscompare	POST	
x-terminal-emulator		
gts-config	ppdc	xvidtune
gtstemplate	ppdhtml	xvinfo
gunzip	ppdi	
xvminitoppm		
gv2gml	ppdmerge	
Xwayland		
gv2gxl	ppdpo	xwd
gvcolor	pphs	xwdtopnm
gvfs-cat	ppm3d	
x-window-manager		
gvfs-copy	ppmbrighten	xwininfo

gvfs-info	ppmchange	xwud
gvfs-less	ppmcie	
x-www-browser		
gvfs-ls	ppmcolormask	xxd
gvfs-mime	ppmcolors	xz
gvfs-mkdir	ppmdim	xzcat
gvfs-monitor-dir	ppmdist	xzcmp
gvfs-monitor-file	ppmdither	xzdiff
gvfs-mount	ppmfade	xzegrep
gvfs-move	ppmflash	xzfgrep
gvfs-open	ppmforge	xzgrep
gvfs-rename	ppmhist	xzless
gvfs-rm	ppmlabel	xzmore
gvfs-save	ppmmake	
y2racc2.7		
gvfs-set-attribute	ppmmix	yacc
gvfs-trash	ppmnorm	yasm
gvfs-tree	ppmntsc	ybmtpbm
gvgen	ppmpat	yelp
gvmap	ppmquant	yes
gvmap.sh	ppmquantall	
ypdomainname		
gvpac	ppmqvga	ytasm
gvpr	ppmrainbow	
yuvsplittoppm		
gxl2dot	ppmrelief	yuvtoppm
gxl2gv	ppmshadow	zcat
gzexe	ppmshift	zcmp
gzip	ppmspread	zdiff
h2ph	ppmtoacad	zdump
h2xs	ppmtobmp	zegrep
hashcat	ppmtoeyuv	
zeisstopnm		
hbpldecode	ppmtogif	
zeitgeist-daemon		
hciattach	ppmtoicr	
zeitgeist-datahub		
hciconfig	ppmtoilbm	zenity
hctool	ppmtojpeg	zfgrep
hd	ppmtoleaf	zforce
head	ppmtolj	zgrep
HEAD	ppmtomap	zip
helpztags	ppmtomitsu	zipcloak
hex2hcd	ppmtompeg	
zipdetails		
hexdump	ppmtoneo	zipgrep
hipercdecode	ppmtopcx	zipinfo
hipstopgm	ppmtopgm	zipnote
host	ppmtopi1	zipsplit
hostid	ppmtopict	zjsdecode
hostname	ppmtopj	zless
hostnamectl	ppmtopuzz	zmore
hp-align	ppmtorgb3	znew
hp-check	ppmtosixel	

administrador@lab-dacc-08:/bin\$ bash

administrador@lab-dacc-08:/bin\$ cd /tmp

administrador@lab-dacc-08:/tmp\$ exit

exit

administrador@lab-dacc-08:/bin\$ /bin/date

```

qui 13 out 2022 19:11:19 -04
administrador@lab-dacc-08:/bin$ echo $PATH
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/b
in:/usr/local/cuda/bin:/home/administrador/bin:/home/administrador/bin/
administrador@lab-dacc-08:/bin$ df -h
Sist. Arq.      Tam. Usado Disp. Uso% Montado em
udev            7,7G    0  7,7G    0% /dev
tmpfs           1,6G   3,7M   1,6G    1% /run
/dev/nvme0n1p8  101G   33G   64G   34% /
tmpfs           7,8G   256K   7,8G    1% /dev/shm
tmpfs           5,0M    4,0K   5,0M    1% /run/lock
tmpfs           7,8G    0    7,8G    0% /sys/fs/cgroup
/dev/loop0      128K   128K    0 100% /snap/bare/5
/dev/loop3      392M   392M    0 100% /snap/gimp/383
/dev/loop2       56M    56M    0 100% /snap/core18/2566
/dev/loop1      143M   143M    0 100% /snap/chromium/2105
/dev/loop4      165M   165M    0 100% /snap/gnome-3-28-1804/161
/dev/loop5      347M   347M    0 100% /snap/gnome-3-38-2004/115
/dev/loop6       92M    92M    0 100% /snap/gtk-common-themes/1535
/dev/loop7       62M    62M    0 100% /snap/core20/1434
/dev/loop9      115M   115M    0 100% /snap/core/13741
/dev/loop12     522M   522M    0 100% /snap/gimp/393
/dev/loop11      56M    56M    0 100% /snap/core18/2344
/dev/loop8      144M   144M    0 100% /snap/chromium/2117
/dev/loop10     115M   115M    0 100% /snap/core/13886
/dev/loop15     347M   347M    0 100% /snap/gnome-3-38-2004/119
/dev/loop18      64M    64M    0 100% /snap/core20/1623
/dev/loop17      46M    46M    0 100% /snap/snap-store/599
/dev/loop13      55M    55M    0 100% /snap/snap-store/558
/dev/loop19      48M    48M    0 100% /snap/snapd/17029
/dev/loop14      66M    66M    0 100% /snap/gtk-common-themes/1519
/dev/loop20      48M    48M    0 100% /snap/snapd/16778
/dev/loop16     256K   256K    0 100% /snap/gtk2-common-themes/13
/dev/nvme0n1p1  496M   81M   416M   17% /boot/efi
/dev/sda1       466G   232G   235G   50% /media/arquivos
tmpfs           1,6G    20K    1,6G    1% /run/user/125
tmpfs           1,6G    72K    1,6G    1% /run/user/1000
administrador@lab-dacc-08:/bin$ cd ~
administrador@lab-dacc-08:~$ touch /tmp/ArquivoTouch.txt
administrador@lab-dacc-08:~$ ls -lh /tmp/ArquivoTouch.txt
-rw-rw-r-- 1 administrador administrador 0 out 13 19:12 /tmp/ArquivoTouch.txt
administrador@lab-dacc-08:~$ uname -a
Linux lab-dacc-08 5.15.0-50-generic #56~20.04.1-Ubuntu SMP Tue Sep 27 15:51:29 UTC
2022 x86_64 x86_64 x86_64 GNU/Linux
administrador@lab-dacc-08:~$ who
administrador :1                2022-10-13 15:31 (:1)

```